

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: To Be Assigned  
Applicant: Akiko Yuasa, et al.  
Filed: Herewith  
Title: VACUUM HEAT INSULATOR AND APPARATUS USING THE SAME  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08a and/or PTO/SB/08b submitted herewith. A copy of the references listed on the PTO/SB/08a and/or PTO/SB/08b forms are enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 2003-271044
- 2) 2003-74786
- 3) 2000-86937
- 4) 2000-34557
- 5) 2000-133416

MAT-8799US

- 6) 11-213960
- 7) 10-160091
- 8) 62-258293
- 9) 10-238938
- 10) 2002-272606
- 11) 2000-304293
- 12) 58-64433
- 13) 2003-202100
- 14) 5-280691
- 15) 2001-265138
- 16) 2-127897
- 17) 2000-266282

References 1) - 11), 13) - 15) and 17) include an English language abstract.

References 12) and 16) include an English language explanation of what is claimed and a brief description of the drawings. Reference 7) and 8) also includes a "concise explanation" under 37 CFR § 1.98(a)(3) as set forth in the specification at page 2, lines 14 - 26.

References 1) - 4) were cited by a foreign patent office in a counterpart foreign application. A copy of this English language International Search Report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609(a)iii, second paragraph. References 5) and 6) were cited in the International Preliminary Examination Report. A copy of this Japanese language International Preliminary Examination Report is submitted herewith.

MAT-8799US

PATENT

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/dmw

Enclosures: PTO Form 1449  
(19) References

Dated: December 29, 2005

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

The Commissioner for Patents is hereby  
authorized to charge payment to Deposit  
Account No. **18-0350** of any fees associated  
with this communication.

**EXPRESS MAIL**

Mailing Label Number:  
Date of Deposit:

EV 547 592 171 US  
December 29, 2005

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DMW\_I:\MAT\8799US\IDS.DOC

Kathleen Libby

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 3

Complete if Known

Application Number To Be Assigned

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket No.

To Be Assigned

Herewith

Akiko Yuasa, et al.

To Be Assigned

To Be Assigned

MAT-8799US

10/562545

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-5,877,100	03/02/1999	DOUGLAS M SMITH ET AL	
		US-5,989,371	11/23/1999	YOSHIO NISHIMOTO	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 2003-271044 A (with English abstract)	09/25/2003	CANON INC		<input type="checkbox"/>
		JP 2003-74786 A (with English abstract)	03/12/2003	MATSUSHITA REFRIG CO LTD		<input type="checkbox"/>
		JP 2000-86937 A (with English abstract)	03/28/2000	MATSUSHITA ELECTRIC IND CO LTD		<input type="checkbox"/>
		JP 2000-34557 A (with English abstract)	02/02/2000	SUMITOMO ELECTRIC IND LTD		<input type="checkbox"/>
		JP 2000-133416 A (with English abstract)	05/12/2000	KYOCERA CORP		<input type="checkbox"/>
		JP 11-213960 A (with English abstract)	08/06/1999	TOSHIBA LIGHTING & TYECHNOLOGY CORP		
		JP 10-160091 A (with English abstract)	06/16/1998	MITSUBISHI CHEM CORP		
		JP 62-258293 A (with English abstract)	11/10/1987	MEISEI KOGYO KK		
		JP 10-238938 A (with English abstract)	09/11/1998	MITSUBISHI ELECTRIC CORP		
		JP 2000-304293 A (with English abstract)	11/02/2000	TOTO LTD		
		JP 2002-272606 A (with English abstract)	09/24/2002	TIGER VACUUM BOTTLE CO LTD		
		JP 58-64433 U (with English explanation of what is claimed and description of drawings)	04/30/1983	MITSUBISHI PETROCHEMICAL CO LTD		
		JP 2003-202100 A (with English abstract)	07/18/2003	MITSUBISHI HEAVY IND LTD		
		JP 5-280691 A (with English abstract)	10/26/1993	MATSUSHITA ELECTRIC IND CO LTD		
		JP 2001-265138 A (with English abstract)	09/28/2001	JAPAN VILENE CO LTD		
		JP 2-127897 U (with English explanation of what is claimed and description of drawings)	10/22/1990	H ITOH		

	JP 2000-266282 A (with English abstract)	09/26/2000	KURARAY CO LTD	<input type="checkbox"/>
Examiner Signature			Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 3 of 3

Complete if Known

Application Number	To Be Assigned <b>10/562545</b>
Filing Date	Herewith
First Named Inventor	Akiko Yuasa, et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MAT-8799US

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		English language International Search Report for PCT/JP2004/009295, dated October 12, 2004.	<input type="checkbox"/>
		Japanese language International Preliminary Examination Report for PCT/JP2004/009295, dated October 11, 2005.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.